Ist and final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. E 486902

Serial No. ..... Providing sanitary pipeline at missing links in W.20.12

Name of work ..... Shetty Khadi ..... scheme .....

Name of Contractor of nature of Agency..... Technical manager KRIDL

Date of commencement of work..... EE(DD)WD/4444/2019-20 dtd: 02/12/2019

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost Rs. 15.0 lakhs. JOB CODE: 012-12-0000032						
	EE(DD)AS/128/18-19 Dtd: 24-01-2019						
	CE(D2)TS/88/18-19 dtd: 24-01-2019						
	Date of commencement 02.12.2019.						
	Date of Completion: 01.06.2020						
	Date of Recording: 02.12.2019.						
(1)	Earth work excavation for foundation to building wall, supply sanitary line & electrical conduits either in pits or in trenches lead & above in depths in hard soil not exceeding 1.50m Dp						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	depth including shoring the bottom & sides of pits and trenches shoring the unavoidable stiff from edges of excavation with upto 50mm including cost of explosive labour & hiring equipment complete as per specifications.						
	Obj same as per p.m. sheet p.no. 486971 of TMB						
	04/07/2020						
	113.66/cum @ 299.98/m³						Rs. 29207.2
(2)	providing & laying in position to required level or slope as shown in normal diameter salt glazed stoneware pipes Grade A & jointing with stiff mixture of cement in proportion of 1:1 testing of pipes & jointing including cost of materials labour charges complete as per specifications etc. complete						

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 486903

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Obj same as per p.m. p.no. 486972 of TMB						
	04/07/2020						
	640.10 cum @ 454.36/m³						Rs. 291365.2
(3)	providing & laying in position pcc m-15 down & down size graded granite metal machine mixed concrete bed in layers not exceeding 150mm thick well compacted for 900mm wide road diameter stoneware pipes including cost of materials labour charges Hire & machinery etc. complete as per specifications						
	Obj same as per p.m. p.no. 486972 of TMB						
	640.10 cum @ 433.36/m³						Rs. 266928.2
	12/07/2020						

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MEASUREMENT BOOK

D	Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	1	2	3	4	5	6	7	8
		(4) Constructing brick masonry circular type manhole 0.91m internal dia at bottom 1.65m deep & 0.56m ϕ at top with table moulded non-modular bricks 300 class designation 1:4 cement mortar inside cement plastered 12mm thick MIO mix 40mm & down size granite metal & making necessary channels in 1:2:4 with 20mm & down size granite metal finished with a floating coat of neat cement with SFRC cover & frame (Cleary duly ISO-20 grade designation) 560mm internal diameter confirming IS:12592 total weight of cover & frame to be not less than 182 kg fixed in 1:2:4 20mm & down size broken granite metal providing & removing centering shuttering including cost of materials labour charges tools & machineries complete as per specifications (Excavation footing						

M/s [illegible] 17/03/2020

M. A. R. 57 (Rule 116) No. E 486904
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	and 12mm thick cement plaster on the external surface shall be paid seperately)						
	Man holes						
	A&B Legent double road & 6th cross	8×1	-	-	-	8.00	
	near union bank	3×1	-	-	-	3.00	
	Abbigere govt school back side	2×1	-	-	-	2.00	
	vinakakishwara layout 8th cross	4×1	-	-	-	4.00	
	Pachima kundi	3×1	-	-	-	3.00	
	Panchayat harda					24.00	

M/s [illegible] 17/03/2020

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Qty Upto	13.00	no			@ 22392.50/cum	Rs. 4254458.00
(5)	filling available excavated earth (excluding rock) in works of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by rammer after watering with leak upto 5cm & lift upto 1.5m including cost of all labour complete as per specifications.						
	Recorded Qty same as item no 11	973.66	cum	@	184.62/m³		Rs. 131094.00
							Rs. 1414214.00
							Rs. 20985.00
							Rs. 14149.00
	Artificial						
	Workdone satisfactory						
	Labour clear from the book						Rs 1499596.00

01/06/2020

Audited and admitted for Rs. 1499596.00

Passed by Cheque for Rs. 1345600.00

Rupees (in words) Fifty Five thousand Only

Name of Work carried out Rs 2996.00

Name of Contractor or nature of Agency

Date of commencement of work

From To

Accounts Assistant Exe. Engineer

M. A. R. 57 (Rule 116) Measurement Book No. E 486905

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	KGB Layout Double Road						
	28.00 42.00 25.00 26.00 24.00 31.00 43.00						
	KGB near Union Bank						
	20.00 36.00						

EXECUTIVE ENGINEER-1
KRIDL, BBMP DIVISON
BENGALURU-560 010

01/06/2020

MEASUREMENT BOOK

D	Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

Index

Executed manhole

Executed Pipeline

Abbigere Govt colony back side

60.00 m

Venkateshwara Layout Phase 1

30.00 m 30.00 m 30.00 m

30.00 m 25.00 m 46.00 m 20.00 m 22 m 32.01 m

01/06/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಬ್ದಿಪಟ್ಟಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಪತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು